## **DECLARATION AND POWER OF ATTORNEY** FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. KLA1P041/P773

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHODS AND APPARATUS FOR VOID CHARACTERIZATION the specification of which,

(check one)	1.	is attached hereto.			
		was filed on U.S. Application No			
124		and was amended on			
		and was unioneed on			
	3.	was filed on		as	
*** ***		International PCT Application	on No		
		and was amended on			
Lepereby state that amended by any ar		d and understand the contented to above.	ts of the above-identified	specification,	including the claims, as
I acknowledge the 37, CFR § 1.56.	duty to disclose	information which is materia	al to the examination of th	nis application	in accordance with Title
Prior Foreign Ap	plication(s)				
for patent or inventhan the United S	tor's certificate, tates, listed belo	efits under Title 35, United S or § 365(a) of any PCT Inter ow and have identified belo- mational application having	rnational application whic w, by checking the box,	h designated a any foreign	at least one country other application for patent or
					ty Benefits Claimed?
				Yes _	No
(Application No.)		(Country)	(Filing Date)		
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(Application No.)		(Country)	(Filing Date)	100_	
Provisional Appli	cation(s)				
I hereby claim the	benefit under 35	U.S.C. §119(e) of any United	d States provisional application	ation(s) listed	below:
60/326,621		October 1, 2001			
(Application No.)		(Filing Date)			
(Application No.)		(Filing Date)			

Atty. Dkt. No.: KLA1P041/P773

Page 1 of 3

(Revised 03/00)

#### Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.)	(Filing Date)	(Status - patented, pending, a	bandoned)
(Application No.)	(Filing Date)	(Status - patented, pending, a	bandoned)
Power of Attorney			
Number 022434 as my pri	ncipal attorneys to prosecute this app	s, LLP and all practitioners who are a plication and to transact all business	
office connected therewith			
Direct Correspondence T	o: Customer Num BEYER WEAVER & T P.O. Box 7	THOMAS, LLP 22	<b>                                     </b>
	Berkeley, CA 94	704-0778 PATENT AND TR	ADEMARK OFFICE
L Direct Telephone Ca	lls To: Godfrey K Kw	van at telephone number (510	843-6200
	as 10. Gourney 11. 11.	<b></b>	, 0.0 0_00
	ie; and further that these statements w	owledge are true and that all statement were made with the knowledge that with under section 1001 of Title 18 of the conflication or any patent issuing there	Ilful false statements and United States Code, and
ike so made are punishab with willful false statemen	ts may jeopardize the validity of the a	application of any patent issuing diefe	<b>O.</b>
ike so made are punishab iiich willful false statemen iiich iich willful false statemen iich willful false statemen	ts may jeopardize the validity of the a		
ike so made are punishab füch willful false statemen		Citizenship:	United States November 11,07

Atty. Dkt. No.: KLA1P041/P773

(City)

386 Simpson Road, Marlborough, MA 01752

Marlborough

Citizenship:

Date of Signature:

(State/Country) MA/US

United States

Second Inventor:

Residence:

Inventor's signature:

Post Office Address:

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Third Inventor:		Steve Oestreich	Citizenship:	United States
Inventor's sign	ature:		Date of Signature:	
Residence:	(City)	Mesa	(State/Country)	AZ/US
Post Office Add	lress:	3909 E. Emelita, Mesa, AZ 85206		

# **DECLARATION AND POWER OF ATTORNEY** FOR ORIGINAL U.S. PATENT APPLICATION

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(check one)	1.	is attached hereto.				
	2.					
	3.	and was amended on _	olication No.			
Lhereby state that amended by any ar			contents of the above-identified s	specification,	including	the claims, as
I acknowledge the 37, CFR § 1.56.	duty to disclose	e information which is r	naterial to the examination of thi	s application	in accorda	ance with Title
for patent or inventhan the United S	eign priority ben tor's certificate, tates, listed bel	or § 365(a) of any PC ow and have identified	nited States code, § 119(a)-(d) or T International application which I below, by checking the box, a aving a filing date before that or	designated a any foreign a	it least one application	e country other n for patent or
					y Benefits No	Claimed?
(Application No.)	<del></del>	(Country)	(Filing Date)			
(Application No.)	<u> </u>	(Country)	(Filing Date)	Yes _	No	. ·
Provisional Applic	cation(s)					
I hereby claim the	benefit under 35	U.S.C. §119(e) of any	United States provisional applicat	tion(s) listed	below:	
60/326,621 (Application No.)	· · · · · · · · · · · · · · · · · · ·	October 1, 20 (Filing Date)	01			
(Application No.)		(Filing Date)	<u> </u>			

Atty. Dkt. No.: KLA1P041/P773

Page 1 of 3

#### Prior U.S. Applicati n(s)

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(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

#### **Power of Attorney**

And I hereby appoint the law firm of **Beyer Weaver & Thomas, LLP** and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct Correspondence To:

Customer Number: 022434
BEYER WEAVER & THOMAS, LLP
P.O. Box 778
Berkeley, CA 94704-0778



Direct Telephone Calls To:

Godfrey K. Kwan at telephone number (510) 843-6200

Fhereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Inventor's signature:    Company Certail   Date of Signature: 11   6   2001	Typewritten Full Name of Sole or First Inventor:	Mehran Nasser-Ghodsi	Citizenship:	United States
Post Office Address:  42 Boardman Lane, Hamilton, MA 01982  Second Inventor:  Anne Testoni  Citizenship:  United States  Inventor's signature:  Narlborough Bolton  (State/Country)  MA/US  Post Office Address:  386 Simpson Road, Marlborough, MA 01752  P.O. Box 275, 8 Mount Wachusett Lane, Bolton, MA	Inventor's signature:		Date of Signature:_	
Second Inventor:  Anne Testoni  Citizenship:  United States  Inventor's signature:  Residence:  (City)  Marlborough Bolton  (State/Country)  MA/US  Post Office Address:  386 Simpson Road, Marlborough, MA 01752  P.O. Box 275, 8 Mount Wachusett Lane, Bolton, MA	Residence: (City)	Hamilton	(State/Country)	MA/US
Inventor's signature:    Company Certail   Date of Signature: 11   6   2001	Post Office Address:	42 Boardman Lane, Hamilton, MA 01982		
Residence: (City) Marlborough Bolton (State/Country) MA/US  Post Office Address: 386 Simpson Road, Marlborough, MA 01752  P.O. Box 275, 8 Mount Wachusett Lane, Bolton, MA	Second Inventor:	Anne Testoni	Citizenship:	United States
Post Office Address: 386 Simpson Road, Marlborough, MA 01752 P.O. Box 275, 8 Mount Wachusett Lane, Bolton, MA	Inventor's signature:	Unotes & sund	Date of Signature:_	11/6/2001
P.O. Box 275, 8 Mount Wachusett Lane, Bolton, MA	Residence: (City)	Marlborough Balton	(State/Country)	MA/US
$\alpha$	Post Office Address:			Bolton, MA

Atty. Dkt. No.: KLA1P041/P773

Page 2 of 3

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Third Inventor:		Steve Oestreich	Citizenship:	United States
Inventor's sign	nature:		Date f Signature:	
Residence:	(City)	Mesa	(State/Country)	AZ/US
Doct Office Ad	drace.	3000 F. Emelita Mesa A7 85206		

Atty. Dkt. No.: KLA1P041/P773

(Revised 03/00)

### **DECLARATION AND POWER OF ATTORNEY** FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. KLA1P041/P773

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(check one)	1. X is attached here	eto.	
	2. was filed on		as
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£ 2 3	3. was filed on		as
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jal.			
Hereby state that	have reviewed and understar	nd the contents of the above-identified	specification, including the claims, as
	endment referred to above.		
ai.			
Lacknowledge the	luty to disclose information wh	nich is material to the examination of the	nis application in accordance with Title
.37, CFR § 1.56.			
U			
Prior Foreign App	lication(s)		
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			ch designated at least one country other
			any foreign application for patent or
	e, or PC1 international applic	ation having a filing date before that	of the application on which priority is
claimed:			Priority Benefits Claimed?
			Yes No
(Application No.)	(Country)	(Filing Date)	163 140
(Application No.)	(Country)	(Filling Date)	
			Yes No
(Application No.)	(Country)	(Filing Date)	10
(Application No.)	(Country)	(Filling Date)	
Provisional Applica	ation(s)	1	
I hereby claim the b	enefit under 35 U.S.C. §119(e)	of any United States provisional applica	ation(s) listed below:
•	J (-)		
60/326,621	Octob	er 1, 2001	
(Application No.)		g Date)	
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Atty. Dkt. No.: KLA1P041/P773

Page 1 of 3

(Revised 03/00)

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(Application No.)	(Filing Date)	(Status - patern	ited, pending, al	oandoned)	
(Application No.)	(Filing Date)	(Status - paten	ited, pending, al	pandoned)	
Power of Attorney					
And I hereby appoint the law firmulation of t	m of Beyer Weaver & Thomas, a lattorneys to prosecute this appli	LLP and all practiti cation and to transa	oners who are a	associated with the in the Patent and T	Customer rademark
Direct Correspondence To:	Customer Numb BEYER WEAVER & TH P.O. Box 778 Berkeley, CA 9470	OMAS, LLP	224 PATENT AND TRA	134 DEMARK OFFICE	
₽ Direct Telephone Calls To	o: Godfrey K. Kwa	n at telephone n	umber (510	843-6200	
belief are believed to be true; and tike so made are punishable by f	nts made herein of my own known that these statements were fine or imprisonment, or both, under jeopardize the validity of the appropriate the statement of the state	e made with the known that the known that the made with the known that the made with the known that the known t	owledge that wi Title 18 of the	llful false statemen United States Code	ts and the
Typewritten Full Name of Sole or First Inventor:	Mehran Nasser-Ghodsi	Citize	enship:	United States	<u> </u>
Inventor's signature:		Date	of Signature:_		
Residence: (City)	Hamilton	(State	e/Country)	MA/US	
Post Office Address:	42 Boardman Lane, Hamilton,	MA 01982			
Second Inventor:	Anne Testoni	Citize	enship:	United States	S
Inventor's signature:	to the state of th	Date	of Signature:_		
Residence: (City)	Marlborough	(State	e/Country)	MA/US	

Atty. Dkt. No.: KLA1P041/P773

Page 2 of 3

386 Simpson Road, Marlborough, MA 01752

(Revised 03/00)

Post Office Address:

Third Inventor:	SteyeDestreich	Citizenship:	United States
Inventor's signature:	Mu Stow	Date of Signature:_	11-12-01
Residence: (City)	Mesa	(State/Country)	AZ/US
Post Office Address:	3909 E. Emelita, Mesa, AZ 85206		

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In re application of: Nasser-Ghodsi et al.

Attorney Docket No.: KLA1P041/P773

Application No.: Unknown

Examiner: Not Assigned

Filed: Herewith

Group: Not Assigned

Title: METHODS AND APPARATUS FOR

**VOID CHARACTERIZATION** 

### ASSOCIATE POWER OF ATTORNEY

U.S. Patent and Trademark Office Box Patent Application P.O. Box 2327 Arlington, VA 22202

Sir:

The undersigned attorney of record in the subject patent application hereby grants an Associate Power of Attorney to add Kevin P. McAndrews, Reg. 34,496 of KLA-Tencor Technologies Corporation and all practitioners who are associated with the **Customer Number** 022434 to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Please send all correspondence for this application as follows:

**Customer Number 022434** 



Please direct any calls to Godfrey K. Kwan at (510) 843-6200.

Respectfully submitted,

BEYER WEAVER & THOMAS, LLP

Godfrey K. Kwan Reg. No. 46,850

Date: November 21, 2001